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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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STATE	EMENT	BY	APPLIC	CANT	First Named Inventor	Urs Meyer						
					Group Art Unit	N/A 1433						
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Sheet	2		of	2	Attorney Docket Number	3024-107						
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λμ		WOF	RKING DI	RAFT SEQ	omo sapiens chromosome 3 UENCE, 64 unordered piece: 224240-229520, April 14, 20	clone RP11-758M15 map 3, s", Database accession no. AC044892 000.						
		Cano	DATABASE EMBL, "Homo sapiens 3p21.1 contig 9 PAC RPCI5-1157M23 (Roswell Park Cancer Institute Human PAC Library) complete sequence", Database accession no. AC006252 XP002215332, Positions 68620-73900, December 29, 1998.									
		sequ	DATABASE EMBL24, "Homo sapiens chromosome 3 clone RP11-330H6, complete sequence", Database accession no. AC097637 XP002215333, Positions 153470-158350, October 24, 2001.									
	•	amin	BRAIDOTTI, GIOVANNA ET AL, "Identification of regulatory sequences in the gene for 5-aminolevulinate synthase from rat", Journal of Biological Chemistry, vol. 268, no. 2, 1993, pages 1109-1117.									
W		roder Acta.	nt ubiquit . Gene Si	ous 5-amin	olevulinate synthase (ALAS1	ue-specific transcription of human and) genes", Biochimica et Biophysica erdam, NL, vol. 1518, no. 1-2, March						
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STAT	EMEN	T BY	APPLIC	ANT	Filing Date			October 8, 2004			
					First N	lame	d Inventor	Urs Meyer			
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INFOR	RMATIC	JAN ON DISCOLO BY APPL	SUR	Application Number	Nat. Stage of PCT/IB03/01414 Currently assigned U.S. Ser. No. 10/510,678					
STAT	EMENT	BY APPL	CANT	Nat. Phase Filing Date	October 8, 2004					
				First Named Inventor	Urs Meyer					
				Group Art Unit	MA-1633					
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Sheet	2	of	2	Attorney Docket Number	3024-107					
BOSHART, M. ET AL, "Regene", Gene 110:129-30					packground activity utilizing the cat					
		related to be	oth mammali		sensing orphan nuclear receptor, is R) and constitutive androstane receptor 2000).					
		HONKAKOSKI, P. ET AL, "The nuclear orphan receptor CAR-retinoid X receptor heterodimer activates the Phenobarbital-responsive enhancer module of the CYP2B gene", Mol Cell Biol 18:5652-8 (10/1998).								
		INIGUEZ-LLUHI, J.A. ET AL, "Three amino acid substitutions selectively disrupt the activation but not the repression function of the glucocorticoid receptor N terminus", J Biol Chem 272(7):4149-56 (02/1997).								
		KIM, J. ET AL, "Chromatin assembly enhances binding to the CYP2B1 Phenobarbital-responsive unit (PBRU) of nuclear factor 1, which binds simultaneously with constitutive androstane receptor (CAR)/retinoid X receptor (RXR) and enhances CAR/RXR-mediated activation of the PBRU", J Biol Chem 276(10):7559-7567 (03/2001).								
				S.A. ET AL, "Orphan nuclear receptors: shifting endocrinology into reverse," b:757-60 (04/1999).						
			KLIEWER, S.A. ET AL, "An orphan nuclear receptor activated by pregnanes defines a novel steroid signaling pathway", Cell 92:73-82 (01/1998).							
		LEHMANN, J.M. ET AL, "The human orphan nuclear receptor PXR is activated by compounds that regulate CYP3A4 gene expression and cause drug interactions," J Clin Invest 102(5):1016-23 (09/1998).								
		RUPP, R.A. ET AL, "Chicken NFI/TGGCA proteins are encoded by at least three independent genes: NFI-A, NFI-B and NFI-C with homologues in mammalian genomes", Nucleic Acids Res 18(9):2607-16 (1990).								
				ecular mechanisms of cytochi ar hormone receptors," Mol P	rome P-450 induction by xenobiotics: An harmacol 56:851-7 (1999).					
MM					diverse xenochemicals: central role of tem Biophys 369(1):11-23 (09/1999).					
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		rode: Acta	ROBERTS, A.G. ET AL, "Alternative splicing and tissue-specific transcription of human and rodent ubiquitous 5-aminolevulinate synthase (ALAS1) genes", Bioshimica et Biophysica Acta. Gene Structure and Expression, Elsevier, Amsterdam, NL, vol. 1518, no. 1-2, March 19, 2001, pages 95-105.								
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